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02291872.6 24 July 2002 (24.07.2002) EP(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL];
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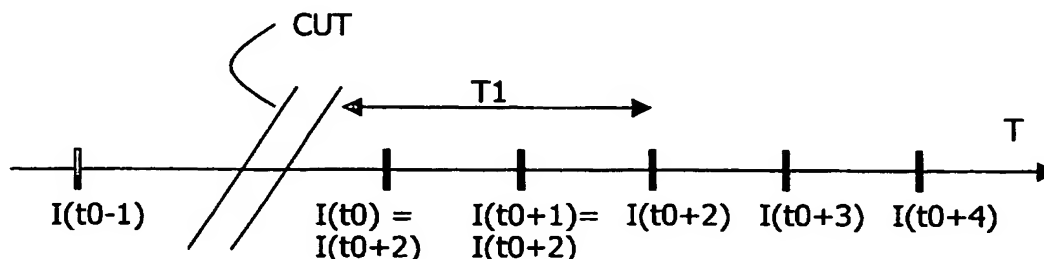
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(75) Inventor/Applicant (for US only): **MARQUANT, Gwennaelle** [FR/FR]; 156 Boulevard Haussmann, F-75008 Paris (FR).(74) Agent: **CHAFFRAIX, Jean**; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).**Published:**

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(54) Title: METHOD AND ENCODER FOR ENCODING A DIGITAL VIDEO SIGNAL



(57) Abstract: The present invention relates to a method and an encoder for processing a digital video signal, said digital video signal comprising at least a scene cut (CUT) followed by a set of images. It is characterized in that it comprises the steps of: - Localizing said scene cut (CUT), - Defining a sub set of visually non-relevant images (IS) within said set of images, and - Issuing a set of encoded visually non-relevant images (IS') just after the scene cut (CUT) by calculating said set from a visually relevant image (I(t+2)) after said scene cut (CUT).

INTERNATIONAL SEARCH REPORT

PCT/IB/03012

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04N7/50 H04N7/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/041629 A1 (HANNUKSELA MISKA) 11 April 2002 (2002-04-11) paragraphs '0079!-'0082!; figures 7,8	1,3-6,8, 9
Y	---	2,7
Y	US 5 319 468 A (HONJO MASAHIRO) 7 June 1994 (1994-06-07) column 3, line 33 - line 48; figure 2D	2,7
A	WO 99 07159 A (KONINKL PHILIPS ELECTRONICS NV ;PHILIPS SVENSKA AB (SE)) 11 February 1999 (1999-02-11) cited in the application page 5, line 24 -page 8, line 2; figure 4 --- -/--	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>B GIROD: "The information theoretical significance of spatial and temporal masking in video signals" PROC SPIE/SPSE CONF ON HUMAN VISION, VISUAL PROCESSING AND DIGITAL REPLAY, LOS ANGELES, CA, USA, January 1989 (1989-01), pages 178-187, XP008024985 cited in the application paragraph '0005!</p> <p style="text-align: center;">---</p>	1-9
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A	<p>TAM W J ET AL: "Visual masking at video scene cuts" HUMAN VISION, VISUAL PROCESSING, AND DIGITAL DISPLAY VI, SAN JOSE, CA, USA, 6-8 FEB. 1995, vol. 2411, pages 111-119, XP008025053 Proceedings of the SPIE - The International Society for Optical Engineering, 1995, SPIE-Int. Soc. Opt. Eng, USA ISSN: 0277-786X abstract</p> <p style="text-align: center;">-----</p>	1-9

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